

ABSTRACT OF THE DISCLOSURE

In a method for manufacturing elongate structural parts as safety elements for automobile body construction, the structural parts having at least in regions thereof a high strength and a minimum ductility of 5 % to 10 %, a blank of hardenable steel is shaped in the soft state to form the elongate structural part. The elongate structural part is positioned in an upright position, and an induction element is arranged at the elongate structural part such that it surrounds the elongate structural part and is moveable in the longitudinal direction of the elongate structural part. The elongate structural part is at least partially heated by the induction element to an austenitizing temperature for hardening the elongate structural part by moving the induction element in the longitudinal direction from the bottom to the top of the elongate structural part and by following the contour of the elongate structural part. Subsequently, the elongate structural part is cooled by a cooling unit that follows the induction element in the longitudinal direction.